FIG.1A

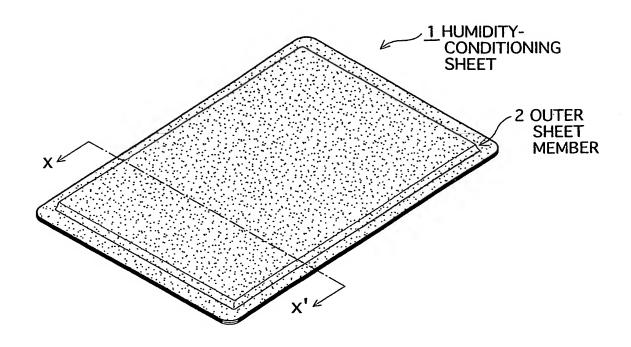
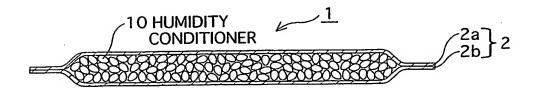
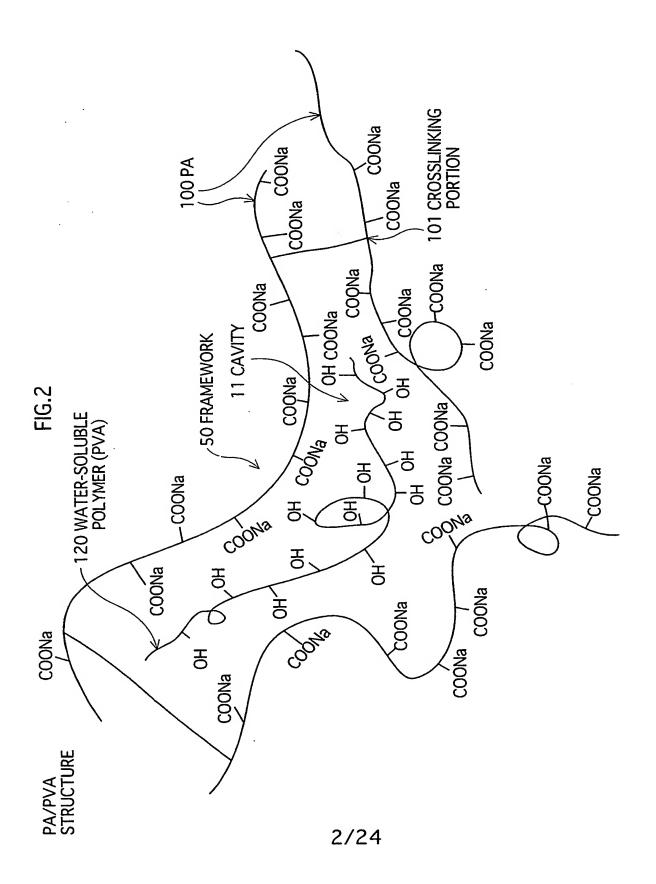


FIG.1B



PCT/JP2005/003673





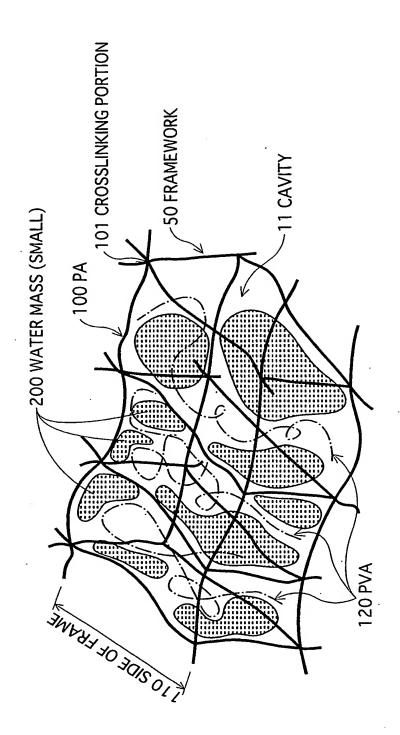
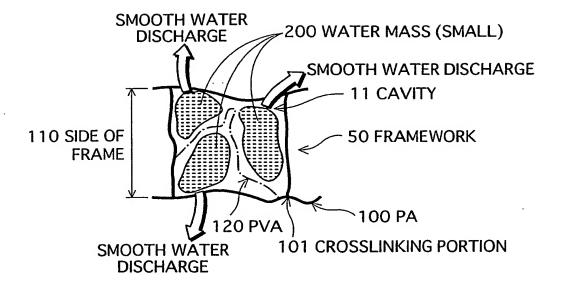


FIG.4



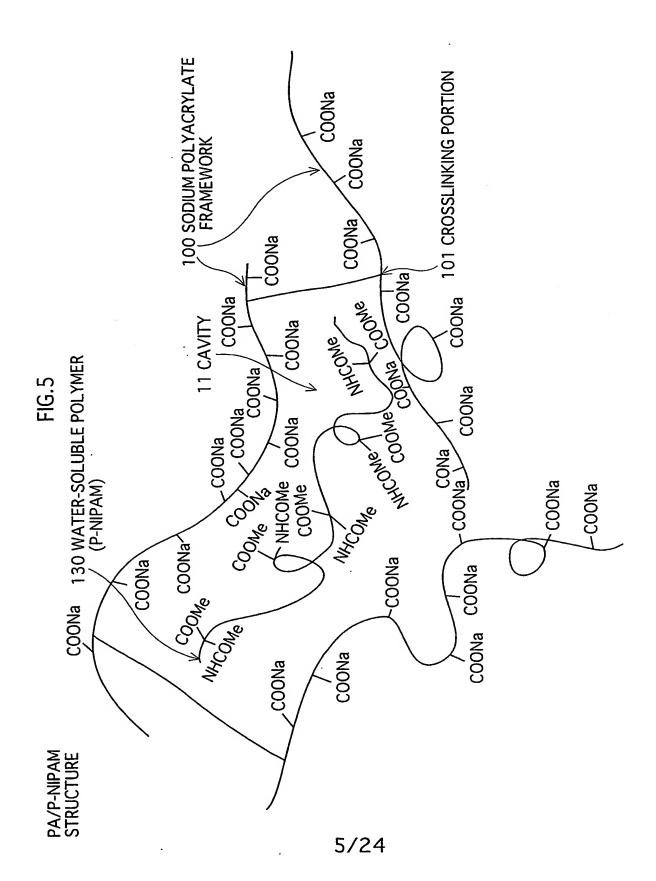


FIG.6

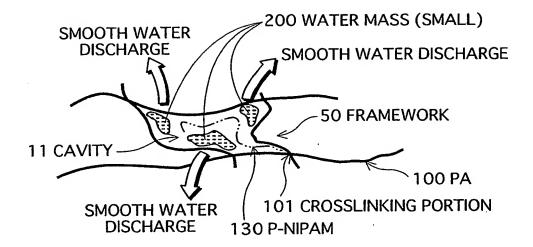


FIG. 7

Changes in Weight (g) after Filtration

_		_				
	183	55.61	56.14	55.95	56.12	56.95
	159	56.25	56.8	55.97	56.14	56.95
	134	60.86   56.25   55.61	59.98	59.18   55.97	59.29	58.15
	110	66.04	63.59	62.38	62.76   59.29   56.14   56.12	60.85
(	92	68.78   66.04	62.9	64.84 62.38	65.26	62.96
Elapsed Time (hour)	98	79.19 76.19 71.89	0.2 84.82 75.55 72.43 69.14 65.9	89.39 84.27 74.58 71.72 67.92	69.25 65.26	90'99
lapsed Tir	42	76.19	72.43	71.72	72.7	80.07
<b>3</b>	29	79.19	75.55	74.58	75.69	73.08
	22	92.36 87.43	84.82	84.27	.57   86.14   75.69   72.7	94.06 88.75 83.19 73.08 70.08 66.06 62.96 60.85 58.15 56.95 56.95
	13	92.36	90.2	89.39	91.57	88.75
	0	96.76	94.78	94.82	96.21	94.06
	Tare Weight	55.5	56.01	55.82	56.0	56.82
	Sample	Α	В	၁	D	ш
	-			_		

FIG.8

0.13 183 0.15 0.14 0.13 159 5.36 3.36 1.33 3.29 134 3.97 10.54 6.56 6.76 7.58 4.03 13.28 9.26 6.14 9.89 9.02 95 Elapsed Time (hour) 13.13 13.25 16.39 9.24 12.1 98 13.26 20.69 16.42 15.9 16.7 74 16.26 19.54 18.76 23.69 19.69 62 31.93 28.45 30.14 26.37 28.81 34.19 36.86 31.93 35.57 33.57 ന 42.46 37.24 38.77 39.0 0 Sample ⋖ 8 ш

8/24

6.9

Changes in Weight (g) after Filtration

			Elap	Elapsed Time (hour)	iour)		
Sample	Tare Weight	0	6	46	09	94	118
X	52.5	126.89	120.71	120.71 107.16 102.59	102.59	93.35	86.68
<b>&gt;</b>	55.83	120.89	120.89 116.9 104.19	104.19	99.32	6.78	81.24

<u>-1G.10</u>

31.18 25.41 118 37.85 32.07 94 47.09 43.49 Elapsed Time (hour) 9 51.66 48.36 46 61.07 65.21 <u>၈</u> 71.39 65.06 Sample >

FIG. 11

Changes in Weight (g) after Filtration

ır)	32	57.18	56.74
Elapsed Time (hour)	0	59.73	60.37
E	Tare Weight	56.82	56
-	Sample	×	λ

PCT/JP2005/003673

FIG. 12

Elapsed Time (hour)	35	0.36	0.74
Elapsed 7	0	2.91	4.37
Comple	Sallipie	×	ý

FIG. 13

Amount of Water Absorption after Drying Period of 35 Hours

L	Comple		Amount of	Amount of Water and Elapsed Time (hour)	ime (hour)	
13/	Jainpie	Water added	Absorption condition	1-hour later	Additional water	Absorption condition
 24	×	10 mL	70% absorbed	95% absorbed	10 mL	No absorption
	у	10 mL	100% absorbed	_	10 mL	90% absorbed

FIG. 14

90% absorbed 95% absorbed 1-hour later Amount of Water and Elapsed Time (hour) Amount of Water Absorption after Drying Period of 1 Week 20-30% absorbed 80% absorbed 20-min later Water added 10 mL 10 mL Sample × >

Amount of Water Absorption after Drying Period of 1 Month

Samula	Amount	Amount of Water and Elapsed Time (hour)	ne (hour)
Janipic	Water added	20-min later	30-min later
×	2 mL	50% absorbed	nearly 100% absorbed
У	5 mL	80% absorbed	95% absorbed

<del>-</del>1G.16

Changes in Weight (g) after Filtration

			9	lapsed Ti	Elapsed Time (hour)			
Sample	Tare Weight	0	18	19	50	21	69	90
а	52.92		56.12	56.07	56.12 56.07 55.97 55.87	55.87		53.65
q	54.32	57.06					55.1	
ပ	52.76		54.56	54.5	54.5 54.43 54.37	54.37		53.55
ر,	54.24	56.25		•			54.72	
р	53.1		54.05	54.05 53.99	53.93	53.87		53.56
ə	53.56		8.73	57.7	57.47	57.24		54.93

FIG. 17

Amount of Weight Change (g)

			Elaps	Elapsed Time (hour)	hour)	•	
0 18	18		19	20	21	69	06
3.2			3.15	3.05	2.95		0.73
2.74						0.78	
1.8		J	.74	1.74 1.67	1.61		0.79
2.01						0.48	
0.95			0.89	0.83	0.77		0.46
4.24			4.14	3.91	3.68		1.37

FIG. 18

Amount of Water Absorption after Dried

				Elapsed 1	Elapsed Time (hour)	ır)				
Sample	20-min after 5 mL water added	Immediately after water absorption	_	2	3	4	. 2	9	24	42
В	70% absorbed	57.5	57.32	57.21	57.07	56.94	56.86	56.78	55.04	53.83
q	70% absorbed	58.41	58.26	58.18	58.08	57.93	57.83	57.74	56.21	52.05
S	50% absorbed	56.65	56.47	56.4	56.29	56.15	56.07	55.98	54.34	53.48
ر,	70% absorbed	63.73	63.52	63.38	63.18	62.95	62.77	62.57	59.79	56.75
þ	60% absorbed	57.43	57.24	57.12	57.01	56.88	56.79	56.68	55.05	53.64
υ	70% absorbed	59.04	58.87	58.65	58.46	58.28	58.14	58.03	55.91	54.73

<del>-</del>1G.19

0.73 0.72 0.54 2.51 0.91 2.12 1.89 2.35 1.58 5.55 1.95 Elapsed Time (hour) 3.86 3.58 3.42 3.22 8.33 4.47 9 4.09 4.58 3.89 9.49 4.33 5.48 0 Sample B Ω Φ 7

FIG.20

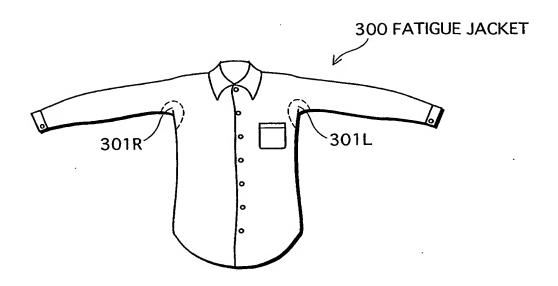
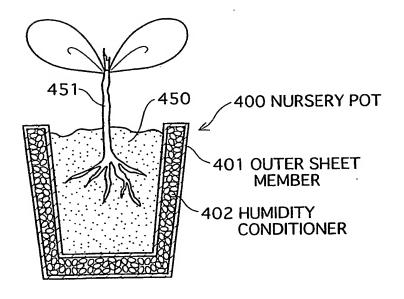
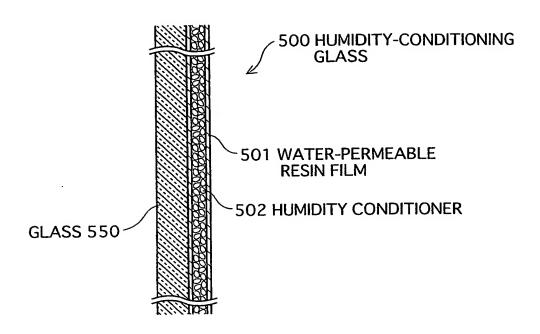


FIG.21



20/24

FIG.22



**FIG.23** 

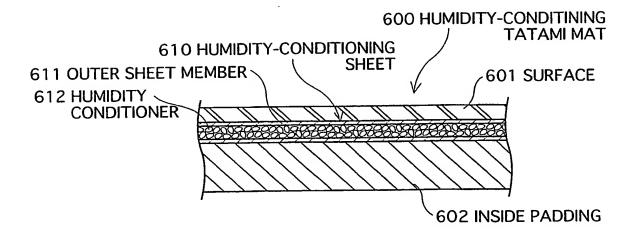


FIG.24A

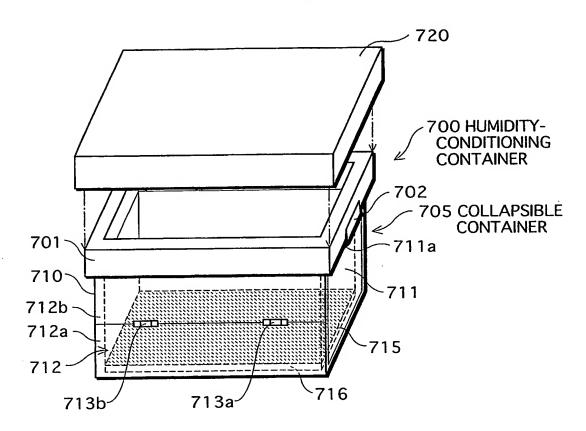
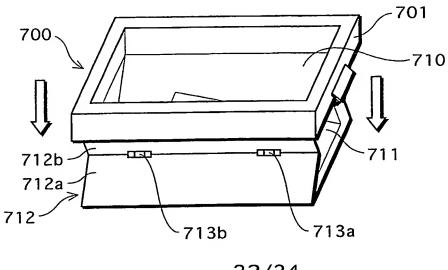


FIG.24B



22/24

PCT/JP2005/003673

FIG.25A

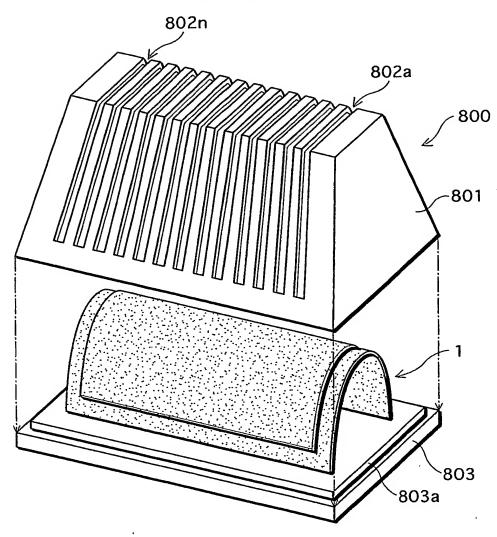


FIG.25B

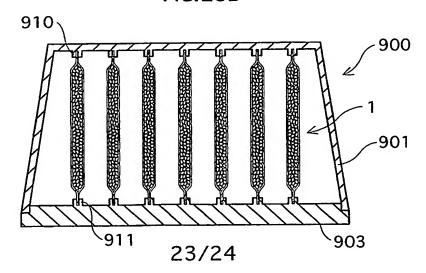


FIG.26A

## STRUCTURE OF CONVENTIONAL ABSORBENT MATERIAL

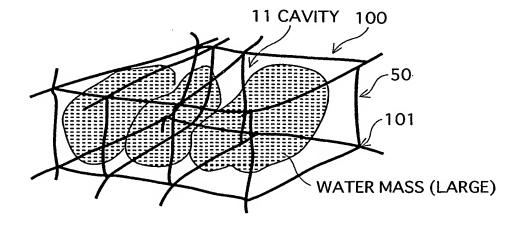


FIG.26B

## DIFFICULT TO DISCHARGE WATER

